

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-6. (Cancelled)

7. (Currently amended) An electrical contactor for connecting and disconnecting an electrical power source to an electrical device, wherein the electrical power source is electrically connected to a line terminal and the electrical device is electrically connected to a load terminal having an electrical contact, comprising:

(a) an electromagnetic element electrically coupled to the electrical power source for generation of a magnetic field;

(b) a slidable carrier having a distal end and a proximal end;

(c) an armature affixed to said distal end of said slidable carrier, said armature attracted to said electromagnetic element upon generation of said magnetic field;

(d) a blade affixed to said proximal end of said slidable carrier, said blade having a first electrical contact aligned with a stationary electrical contact and a second electrical contact aligned with the load terminal electrical contact, said first and second electrical contacts electrically connecting the electrical power source to the electrical device upon generation of said magnetic field and electrically disconnecting the electrical power source to the electrical device upon removal of said magnetic field, the blade further being asymmetrical to provide sequential contact and separation between said first electrical contact and said stationary electrical contact and said second electrical contact and the load terminal electrical contact; and

(e) a positive temperature coefficient resistivity element electrically coupled to said stationary electrical contact and said load terminal electrical contact for providing arc suppression during the opening and closing of said first and second electrical contacts and said stationary electrical contact and the load terminal electrical contact.

8. (Cancelled)

9. (Previously presented) The electrical contactor of claim 7 wherein said slidable carrier further comprises an aperture for insertion of a compression spring to ensure contact between said first and second electrical contacts and said stationary electrical contact and the load terminal electrical contact upon generation of said magnetic field in said electromagnetic element.

10. (Previously presented) The electrical contactor of claim 7 wherein said positive temperature coefficient resistivity element comprises a pure metallic material.

11. (Previously presented) The electrical contactor of claim 7 wherein said positive temperature coefficient resistivity element comprises a conductive polymer.

12. (Previously presented) The electrical contactor of claim 7 wherein said positive temperature coefficient resistivity element comprises a ceramic material.

13-17. (Cancelled)

18. (New) An electrical contactor for connecting and disconnecting an electrical power source to an electrical device, wherein the electrical power source is electrically connected to a line terminal and the electrical device is electrically connected to a load terminal having an electrical contact, comprising:

- (a) a load terminal having a load terminal electrical contact;
- (b) a line terminal having a line terminal electrical contact;
- (c) a blade member having first electrical contact thereupon for contacting the load terminal contact and a second electrical contact thereupon for contacting the line terminal electrical contact, the blade member being moveable and further being asymmetrical to provide sequential contact and separation between said first electrical contact and said line electrical contact and said second electrical contact and the load terminal electrical contact; and

(d) a positive temperature coefficient resistivity element electrically coupled to said blade for providing arc suppression during the opening and closing of said electrical contacts.

19. (New) The electrical contactor of claim 18 further comprising a slidable carrier for movement of the blade, the slidable carrier having a distal end and a proximal end, the blade being affixed to the proximal end of the slidable carrier.

20. (New) The electrical contactor of claim 19 further comprising:
an armature affixed to the distal end of the slidable carrier, the armature being magnetically attractive to a magnetic source;
an magnetic element for attraction of the armature toward the magnetic element;
and
a spring to resist attraction of the armature toward the magnetic element.

21. (New) The electrical contactor of claim 18 wherein the positive temperature coefficient resistivity element comprises a pure metallic material.

22. (New) The electrical contactor of claim 18 wherein the positive temperature coefficient resistivity element comprises a conductive polymer.

23. (New) The electrical contactor of claim 18 wherein the positive temperature coefficient resistivity element comprises a ceramic material.